



MI-CW3511

# Michigan Crop Weather

August 29, 2011

## Pure Michigan

Six days were suitable for fieldwork during the week ended August 28, according to the USDA, NASS, Michigan Field Office. Precipitation ranged from 0.20 inches to 0.49 inches in the Upper Peninsula and 0.28 to 1.60 inches in the Lower Peninsula. Temperatures were 1 degree above normal in the Upper Peninsula and ranged from normal to 2 degrees below normal in the Lower Peninsula. Favorable seasonal temperatures pushed crop progress. “It was an ideal week for farm work. Little rain or high winds, just a good week,” said a reporter in Oceana County.

## Field Crops

**Corn** growth was variable across the state. In central Michigan, many fields were in R5, while later planted fields were in R2. Western bean cutworm and corn ear worm was present in many fields and fed on ears. Livestock farmers were gearing up for **silage** harvest. **Soybeans** were filling pods in most fields. Most early planted soybean fields are in R6. Japanese beetles continued to be the primary leaf feeder in the Montcalm area and bean leaf beetle was feeding in many other areas around the region. Damage was below economic threshold in the vast majority of fields. Third cutting of **alfalfa** was near completion in the central Lower Peninsula. **Dry beans** like many other crops, were variable. Many early planted fields struggled to set and retain pods and later-planted fields were in need of continued warm weather to mature. Japanese beetles and bean leaf beetles were feeding on the upper foliage in many fields. Western bean cutworm feeding damage showed up in some unsprayed areas of fields in the high pressure areas. Manure was spread on **wheat** fields. Some growers applied fungicide to **sugarbeets**.

## Fruit

The **blueberry** harvest neared completion. Yields of Bluecrop have been good, but the Elliott crop is down from last year. Control of fruit rot has been difficult due to the hot, wet conditions of late July. The harvest of early season **apple** varieties like Paula Red and Ginger Gold continued. Codling moth catches were high in the northwest. Redhaven **peach** harvest wound down, and growers moved on to other varieties like Blazingstar and Canadian Harmony. Fruit size has improved as harvest has progressed. The Bartlett **pear** harvest began in the southwest. Concord **grapes** were coloring in the south; veraison of many wine grape cultivars started in the northwest. Fall **raspberry** harvest continued. Crop size and quality in the Grand Rapids area has been good.

## Vegetables

Generally pleasant weather with some scattered light rains graced Michigan this past week. **Onion** harvest was in full swing. The **celery** crop was more than 50 percent harvested. Condition varied depending on the level of soil wetness. **Carrot** harvest continued. In the west central region, prior hot weather seemed to slow the sizing of the crop. **Pepper** and **tomato** harvest continued. In the southwest, bacterial problems caused many growers to abandon tomato plantings early. Bacterial spot continued to be a concern in the pepper crop. There were positive **cabbage** crop comments, although some bacterial disease was evident. **Sweet corn** harvest continued, and the crop looked good. European corn borer pressure was low. Growers monitored for corn earworm moth. Harvest of **vine crops** continued. Disease pressures were high. Powdery mildew and phytophthora blight was a concern and was present in some fields.

Soil moisture for week ending 08/28/11

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	3	17	76	4
Subsoil	4	18	75	3

Crop condition for week ending 08/28/11

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	3	8	23	49	17
Barley	1	9	61	26	3
Corn	3	8	23	48	18
Dry beans	5	10	27	41	17
Pasture	5	11	29	42	13
Soybeans	2	6	23	52	17

Crop progress for week ending 08/28/11

Crop	This week	Last week	Last year	5-year average
	Percent	Percent	Percent	Percent
All hay, second cutting	91	87	93	93
All hay, third cutting	48	37	56	52
Apples, harvested	7	3	13	26
Barley, harvested	89	69	100	20
Blueberries, harvested	91	85	97	88
Corn, dough	76	58	93	81
Corn, dent	19	NA	71	41
Corn silage, harvested	2	NA	28	11
Dry beans, turning leaves	20	NA	60	46
Dry beans, dropping leaves	1	NA	29	21
Oats, harvested	96	78	99	95
Peaches, harvested	49	40	86	61
Potatoes, harvested	8	NA	9	14
Soybeans, setting pods	97	91	98	97
Soybeans, turning leaves	2	NA	19	10

Michigan Weather Summary for Week Ending 08/28/11 <sup>1</sup>												
Station	Temperature			Cumulative growing degree days <sup>2</sup>			Precipitation					
	Maximum	Minimum	Departure from normal	2011	2010	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	81	43		1,776	1,929		0.21	0.62	2.00	13.47		
Marquette	84	42		1,719	1,873		0.05	0.33	1.61	13.87		
Stephenson	83	41		1,891	2,178		0.20	1.11	1.69	12.97		
<b>Western UP</b>	84	35	1	1,743	1,927	1,599	0.20	0.66	1.83	12.92	15.89	3.69
Cornell	81	47		1,853	2,081		0.47	0.81	1.67	11.92		
Sault St Marie	81	49		1,721	1,954		0.44	1.90	4.03	18.93		
<b>Eastern UP</b>	81	38	1	1,686	1,897	1,399	0.49	1.01	2.13	15.13	15.03	3.53
Beulah	83	44		2,059	2,284		0.52	0.52	2.91	20.07		
Lake City	83	41		1,964	2,165		0.63	0.67	3.68	18.91		
Old Mission	83	48		1,911	2,198		0.26	0.50	2.94	14.50		
Pellston	84	39		1,850	2,073		0.58	0.62	2.54	16.09		
<b>Northwest</b>	84	39	-1	1,914	2,135	1,803	0.42	0.49	2.80	16.32	14.07	3.11
Alpena	84	44		1,881	2,114		0.23	0.39	3.36	19.48		
Houghton Lake	82	40		2,077	2,269		0.42	0.43	2.27	16.50		
Rogers City	85	50		1,753	1,994		0.33	0.33	1.55	13.91		
<b>Northeast</b>	85	40	0	1,925	2,159	1,749	0.40	0.49	2.61	16.92	14.10	3.12
Fremont	86	48		2,201	2,444		0.00	0.07	0.58	15.74		
Hart	85	47		2,078	2,340		0.00	0.23	1.84	14.47		
Muskegon	87	53		2,419	2,657		0.60	0.73	5.93	20.83		
<b>West Central</b>	87	44	0	2,168	2,434	1,966	0.28	0.41	2.86	17.46	14.46	3.60
Alma	83	50		2,188	2,521		1.45	2.65	7.18	25.12		
Big Rapids	82	47		2,072	2,358		1.58	2.02	10.04	27.35		
<b>Central</b>	84	47	-2	2,151	2,429	2,038	1.60	2.15	7.02	22.06	15.36	3.64
Bad Axe	84	53		2,110	2,376		0.48	1.81	3.84	21.46		
Pigeon	84	50		2,083	2,342		0.10	0.34	3.36	16.66		
Saginaw	85	51		2,358	2,626		0.58	1.47	3.65	20.09		
Standish	82	48		2,019	2,299		0.57	0.79	5.56	21.75		
<b>East Central</b>	85	48	-2	2,101	2,410	2,031	0.36	1.05	3.77	20.17	13.80	2.93
Fennville	87	52		2,240	2,499		0.12	0.97	2.29	20.81		
Grand Rapids	87	53		2,519	2,759		0.48	1.06	4.22	26.51		
Holland	86	53		3,321	2,724		0.16	0.19	6.18	27.44		
South Bend, IN	87	53		2,637	2,782		0.07	0.46	1.93	24.57		
Watervliet	87	53		2,420	2,657		0.28	0.83	2.99	22.42		
<b>Southwest</b>	87	48	-1	2,459	2,646	2,206	0.34	0.77	3.14	23.00	15.81	3.18
Belding	89	47		2,210	2,444		0.32	0.66	4.40	21.89		
Coldwater	89	49		2,455	2,670		0.25	0.28	1.41	15.79		
Lansing	88	50		2,385	2,672		0.82	1.17	2.99	22.30		
<b>South Central</b>	90	47	-2	2,310	2,573	2,176	0.67	1.02	3.35	22.16	15.85	3.36
Detroit	90	55		2,653	2,863		0.41	0.56	2.19	21.77		
Flint	89	50		2,430	2,638		0.20	0.54	1.70	23.75		
Romeo	84	53		2,323	2,540		0.21	0.98	3.23	18.98		
Tipton	88	49		2,426	2,596		0.66	0.69	2.28	20.18		
Toledo, OH	88	51		2,453	2,858		0.37	0.80	2.62	18.76		
<b>Southeast</b>	90	46	-2	2,407	2,680	2,168	0.36	0.76	2.70	19.31	15.32	3.12

<sup>1</sup> Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

<sup>2</sup> Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.